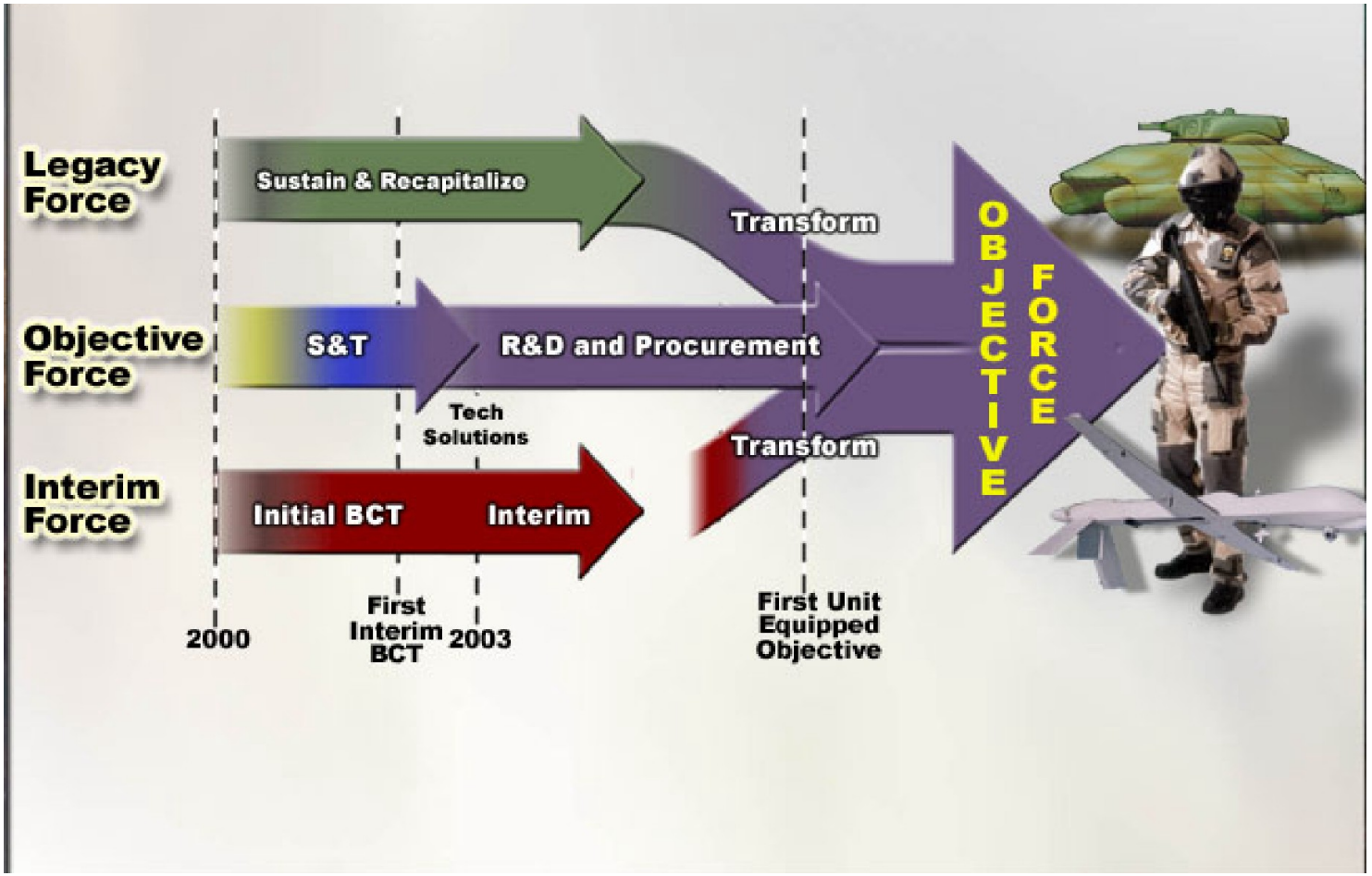
Stryker Health Service Support

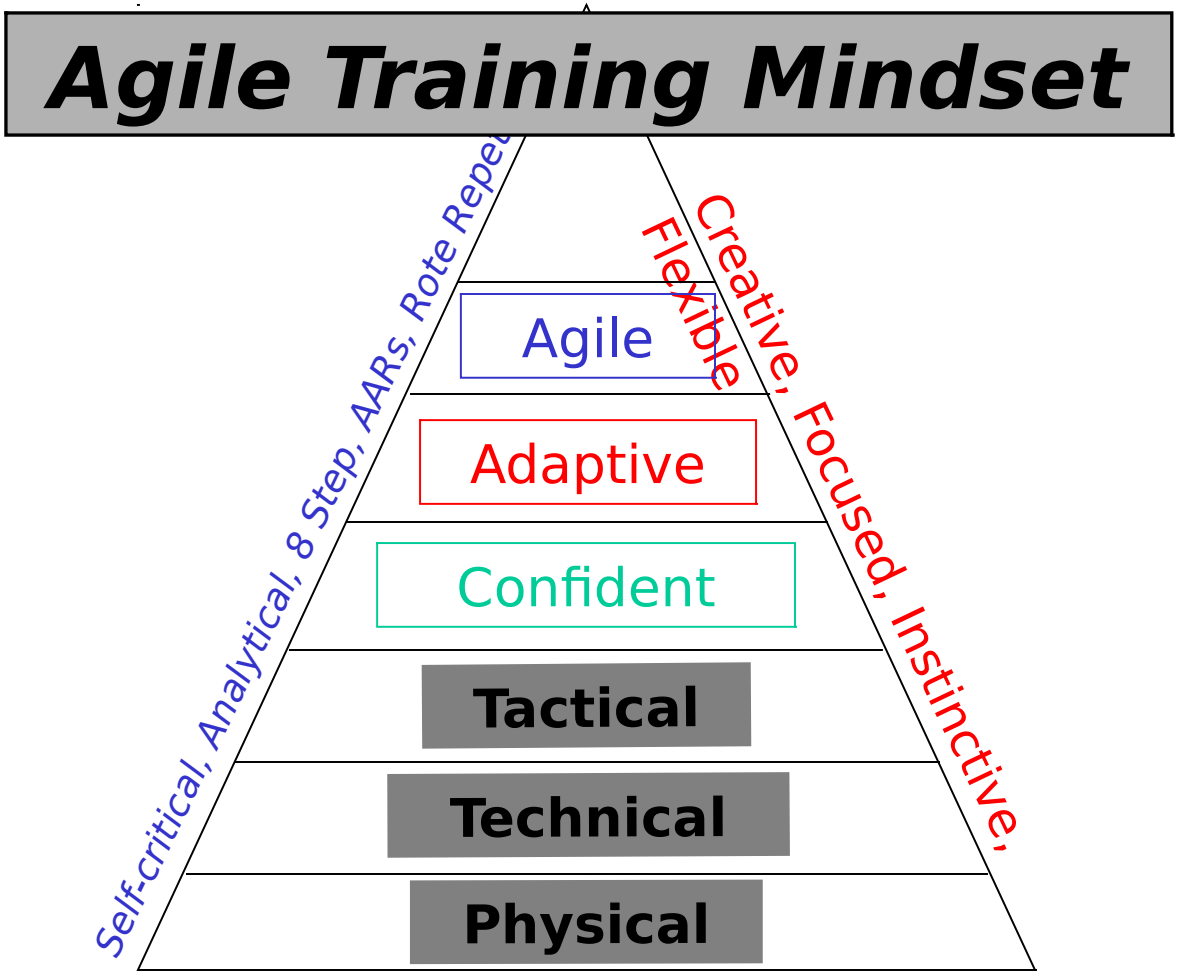
Introduction

- Transformation
  - Stryker BDE
  - Echelon I-II
  - Informatics
    - EAB HSS

Stryker Brigade Combat Team
Army Transformation

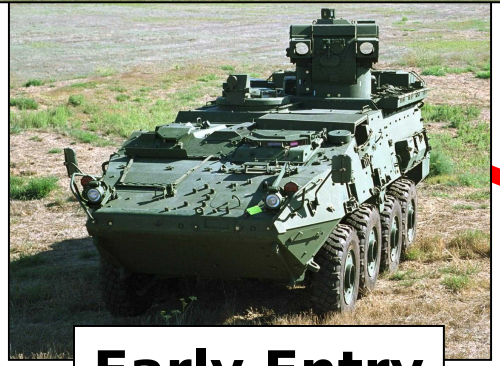


Stryker Brigade Combat Team
The Next Level



Stryker Brigade Combat Team
Bridging the Gap

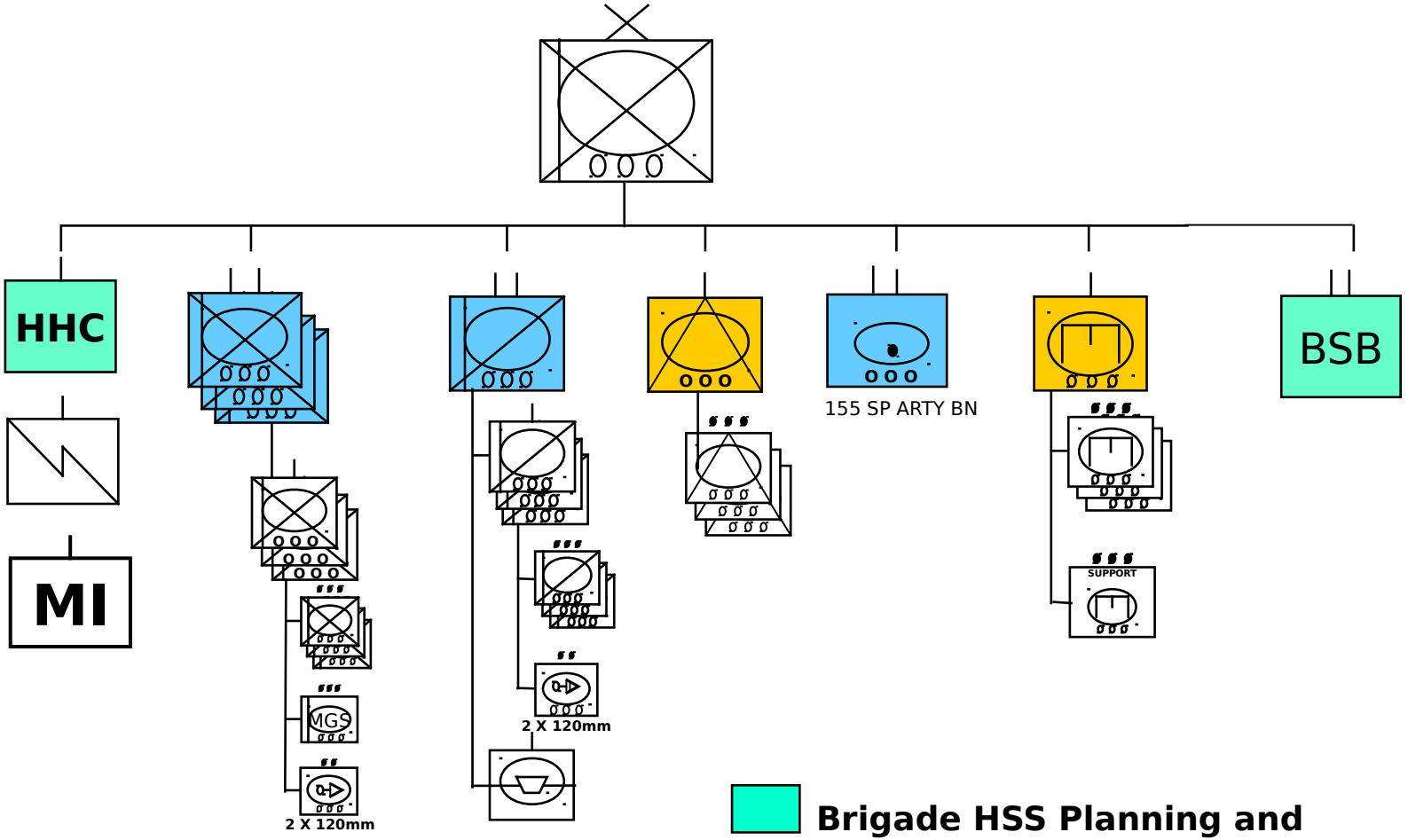
Initial Entry
Diplomatic Tool



Early Entry
SOSO

Finishing Forces
Force on Force

Stryker Brigade Combat Team



Army Battle Command System

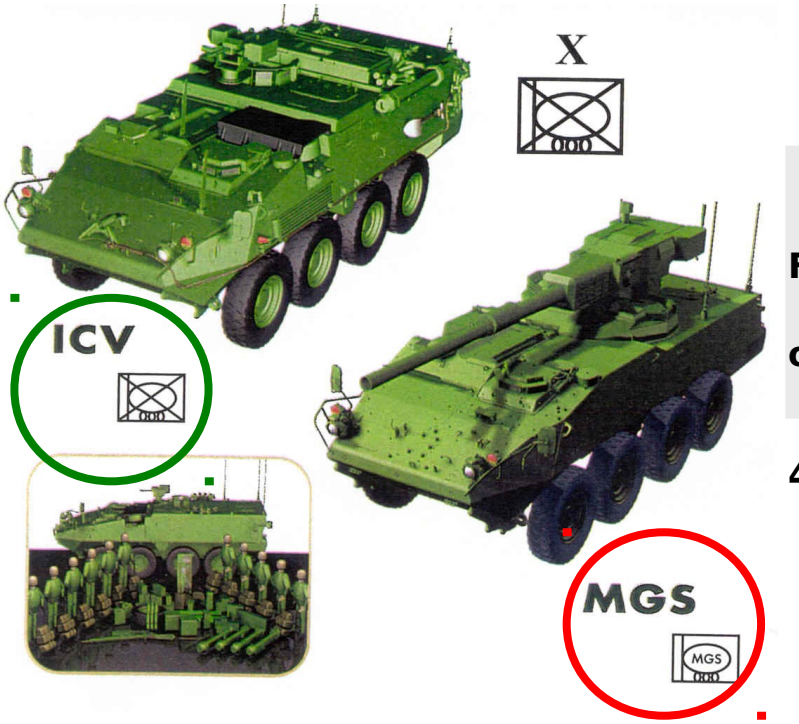
- Communication and situational awareness (SA)

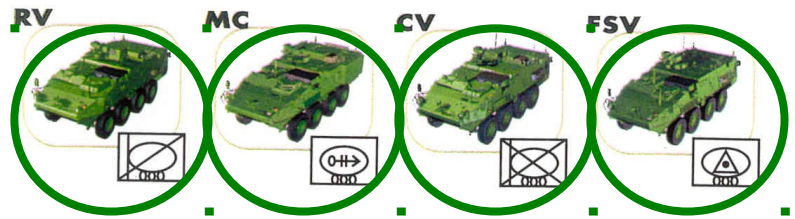
rce Battle Command for Brigade and Below (FBCB2)

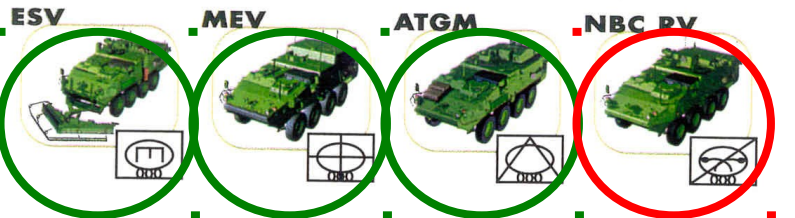
- Maneuver Control System (MCS)

- **MEDSITREPS**
- **EAB SA/Commumnications**

Stryker Brigade Combat Team
Stryker Variants







Infantry Carrier Vehicle (ICV)

- LAV III Chassis
- 8x8 Wheeled w/CTIS & Run Flat
- 14.5 mm Protection/RPG Add-on
- Remote Weapon Station with .50 cal MG or MK19 40mm

Mobile Gun System (MGS)

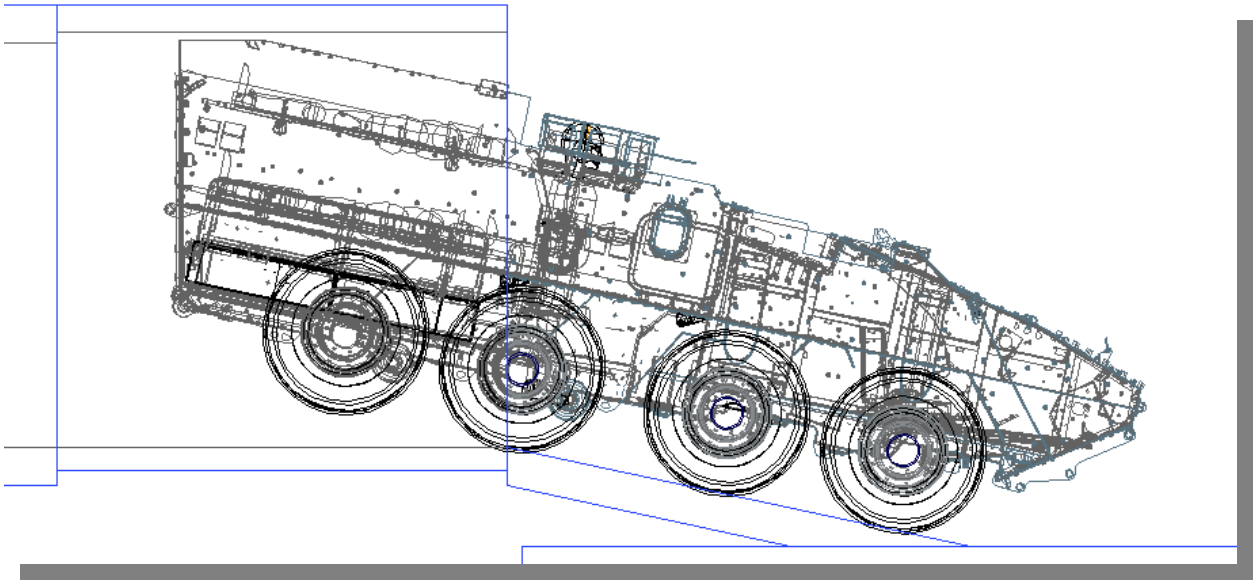
- LAV III Chassis
- Low Profile Turret
- M68A1 Cannon w/Autoloader
- Full Solution Fire Control

Brigade Configuration

ICV = Infantry Carrier Vehicle	108
RV = Reconnaissance Vehicle	48
MC = Mortar Carrier	36
CV = Commander's Vehicle	39
FSV = Fire Support Vehicle	13
ESV = Engineer Squad Vehicle	9
MEV = Medical Evacuation Vehicle	17
ATGM = Anti-Tank Guided Missile	9
NBC RV = NBC Recon Vehicle	3
MGS = Mobile Gun System	

Stryker Brigade Combat Team
Medical Evacuation Vehicle

- Litters for 4 patients
- Seating for 6-8
- Rapid, Quiet, interior/night vision
- FBCB2/FM



Echelon I Care

- First care a soldier receives (injured or ill)
- Provides immediate lifesaving measures
- (airway, bleeding and shock)
- Provided by:
  - Self Aid
  - Buddy Aid
  - **Battle Pack**
  - Combat Lifesaver
  - Combat Medic
  - Battalion Aid Station (BAS)

Combat Lifesaver

- One per squad, crew, or team (AR 350-1)

on-medical MOS soldier trained in emergency skills

Does not replace soldier's primary MOS mission

Serves as a bridge between buddy aid and medic

- Trained by medical personnel assigned, attached or in support of the unit
- Recertified annually
- **100% Soldiers**

Stryker Brigade Combat Team

73rd ENG Company, CHS Capabilities

ORANIC

X 4

91W Line Medics
- **Transported in ENG STRYKER**
- **1 per Line Platoon**
- **1 SR Line Medic per CO HQ**

D 52nd AT Company, CHS Capabilities

ORANIC

X 4

91W Line Medics
- **Transported in AT STRYKER**
- **1 per Line Platoon**
- **1 SR Line Medic per CO HQ**

Stryker Brigade Combat Team
2-8 FA BN, CHS Capabilities

X 3

FLA –Evac Platform

Ground Evacuation & Enroute Care

*****NOTE: Security on Non-linear BF**

1 per Line Battery

X 1

(Treatment Team) FAS / MAS

LEVEL I - Trauma Management

MES Sickcall Set (x1)

MES Trauma 2 Set (x1)

PA / Profis (Plus 3-4 91Ws)

C4ISR

- FBCB2 / EPLRS

- ASIPS

Medical Platoon

- **Treatment Squad- 2Provider/6-8 91W**

routine care, triage, ATM, and tailgate medici

- no patient holding capability

- **Ambulance Section**

- evac casualties from companies to BAS

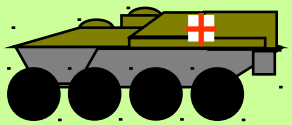
- resupply combat medics with Class VIII

4- MEV ambulances (2 squads)

2-HMMWV Treatment FLA's

Stryker Brigade Combat Team
2-14 RSTA BN, CHS Capabilities

ORANIC – INF BN



X 4

MEV – Hardened Evac Platform

X 2

(Treatment Team) FAS / MAS

Ground Evacuation & Enroute Care

***NOTE: Security on Non-linear BF
1 per Line Company
1 for INF BN Area Support
3 Personnel (Driver, TC, Enroute Care)

LEVEL I - Trauma Management

MES Sickcall Set (x2)
MES Trauma 2 Set (x2)
HAB / Rolls (Plus 3-4 91Ws)

C4ISR

- FBCB2 / FBCB2
- ASIPS

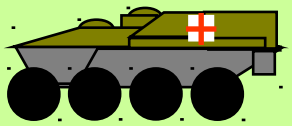
Stryker Brigade Combat Team
1-25th Infantry BN, CHS Capabilities

ORANIC – INF BN

X 12

91W Line Medics

- Transported in STRYKER ICV
- 1 per INF PLT
- 1 SR Line Medic per INF CO HQ



X 4

MEV – Hardened Evac Platform

Ground Evacuation & Enroute Care

- ***NOTE: Security on Non-linear BF
- 1 per Line Company
- 1 for INF BN Area Support
- 3 Personnel (Driver, TC, Enroute Care)

X 2

(Treatment Team) FAS / MAS

LEVEL I - Trauma Management

- MES Sickcall Set (x2)
- MES Trauma 2 Set (x2)
- BCAT / FBCB2 / FBCB2 (Plus 3-4 91Ws)

C4ISR

- FBCB2 / BFT
- ASIPS

Stryker Brigade Combat Team

Proposed infantry Bn Medical Platoon
Treatment Squad

2/0/6

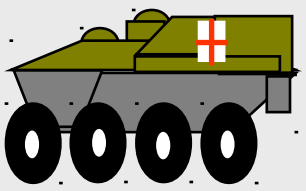
PERSONNEL	
62BO3 – PLT LDR (PROFIS)	1
65DO3- PHYSICIAN ASST	1
91W3O - TMT SQD LDR	1
91W2O - EMER TMT NCO	2
91W1O - MEDICAL SPC (E4)	1
91W1O - MEDICAL SPC (E3)	2

MAJOR EQUIPMENT	
MEV	2
M1113 HMMWV	1
TRL, ¾ T	3

C4	
VRC-89F	1
VRC-88F	1
EPLRS	2
BCIS	3
GPS	2
FBCB2	2

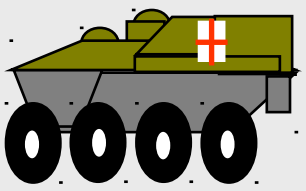
TREATMENT SQUAD 2x4=8

TREATMENT TEAM

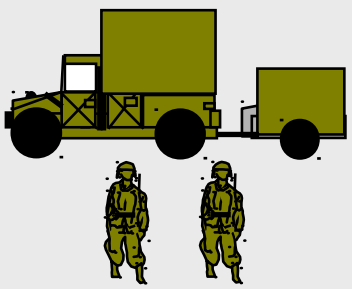


Surgeon | Med NCO | Med NCO

TREATMENT TEAM



PA | Med NCO | Med SPC



Med SPC | Med SPC

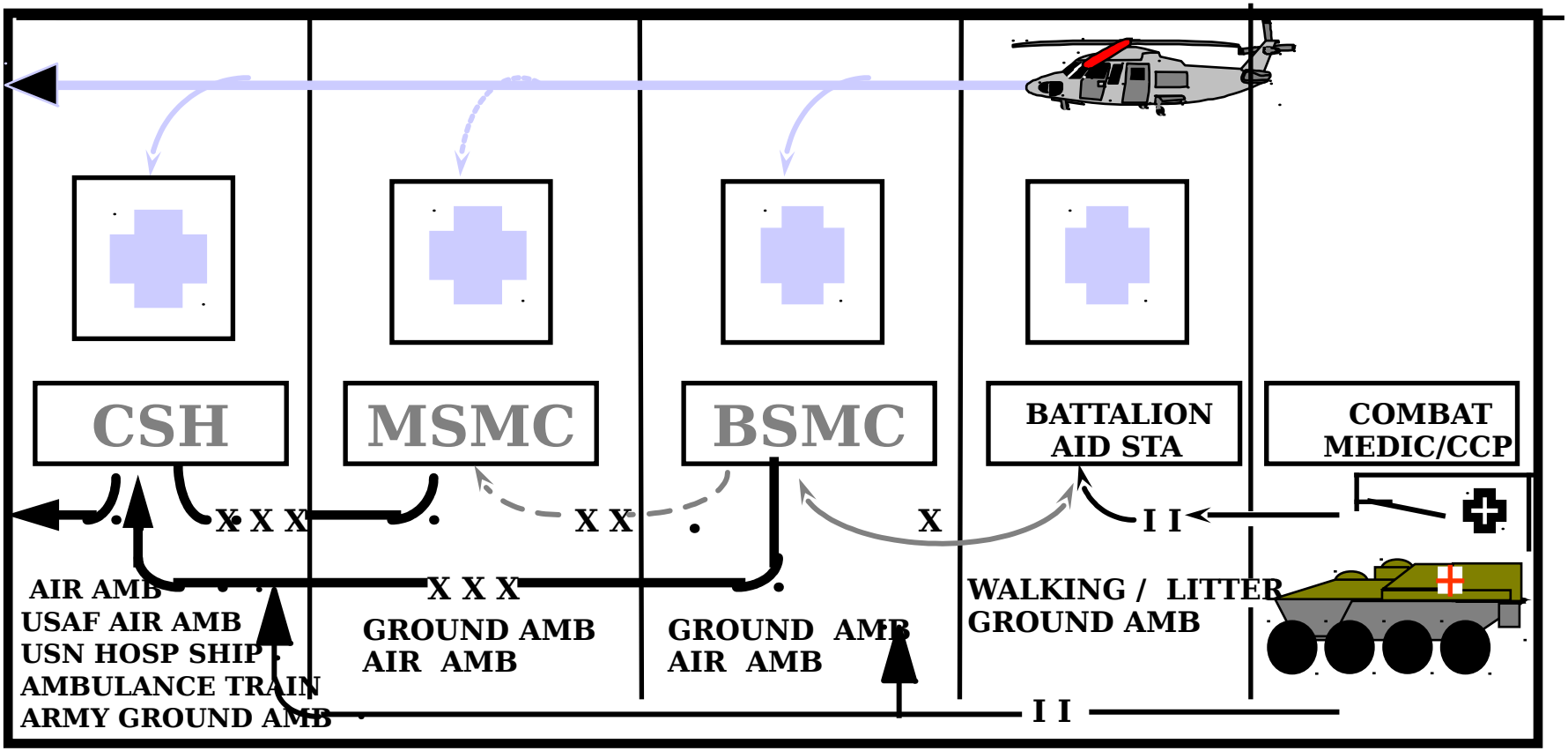
CASUALTY EVACUATION

Casevac- This is the use of nonstandard vehicle for evacuation of casualties with or without accompanying medical staff. A Casevac transports patients.

Casualty Collection Point- (CCP)- A specific location where casualties are assembled to be transported to an MTF; for example a company aid post.

Stryker Brigade Combat Team

MEDICAL EVACUATION



I I ——— MEDICAL PLATOON AMBULANCES

X ——— BSMC

X X X ——— CORPS AMBULANCES

Call for Medevac

- Battle Captain
- BSS (Brigade Surgeon Section)
- ADAM (Air Defense Air Management)
- FECC (Fire Effects Control Center)
- S2
- MSC (Movement Control)
- Battle Captain

Ambulance Exchange Point- (AXP)- A location where a patient is transferred from one ambulance to another en route to an MTF. This may be an established point in an ambulance shuttle or it may be designated independently.

- **Offence**
- **FSB 113 to 997**
- **Tracked to Wheeled**
- **>30 minute trip consider**

Stryker Brigade Combat Team

EVACUATION CAPABILITIES					
US ARMY			USAF		
	LITTER	AMBULATORY		LITTER	AMBULATORY
MEV	4	8	C-130	70	85
M996	2	6	C-9A	40	39 (15 litter+ 24 Amb)
M997	4	8	C-141	103	147
MTV	12	16	C-5		70
C12		8	C-17	48	44
C21	3	10			
CH-47	24	33			
UH-60A	6+1 Amb	7			
UH-1H/V	6	9			

Echelon II Care

ncludes all the capabilities of Echelon I care plu

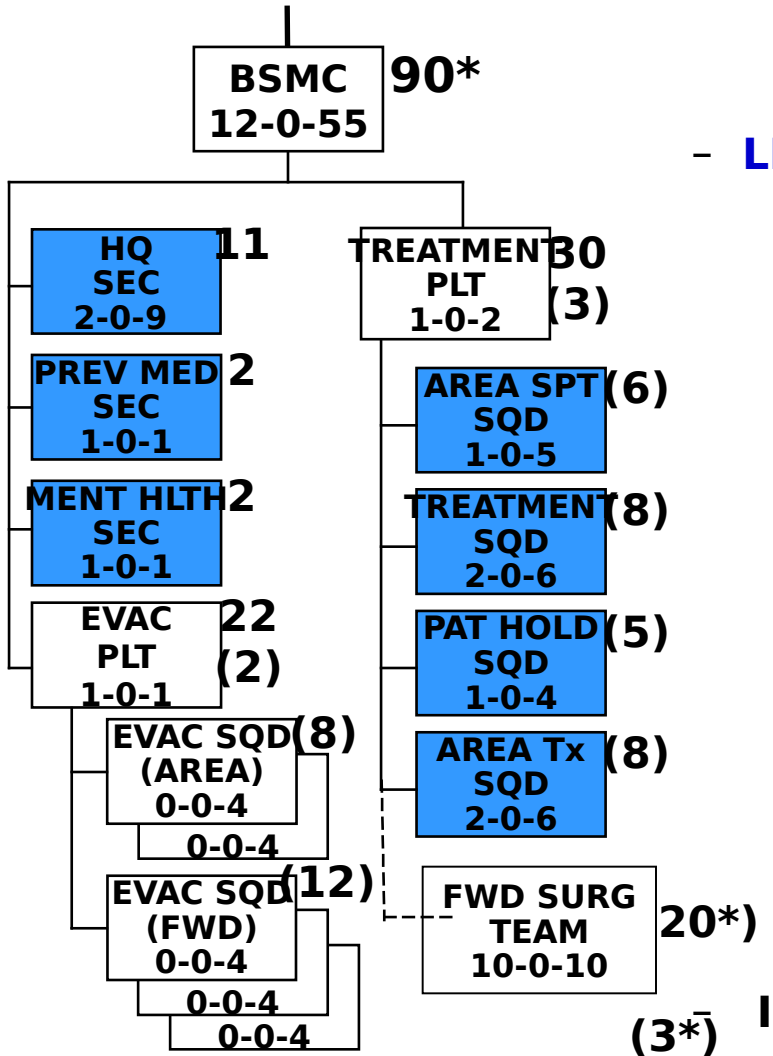
- **initial resuscitative treatment**
- **dental, lab, x-ray and patient holding**
- **[Forward Surgical Team (FST)]**

- **Holds soldiers who can RTD within 72 hours**

Provided by Brigade Support Medical Company

- **Area Support Medical Battalion (Corps)**

Stryker Brigade Combat Team
BSMC Organization



- Advanced Trauma Management
- Routine Primary Care (Sick Call)

– **LEVEL II CHS TO ALL ELEMENTS OF THE BDE**

- Dental Services – Operational (emergency, essential)
- Clinical Laboratory and Routine Blood Support
- Medical Logistics Services (Class VIII)
- Enhanced Radiological Services - Digital Imaging
- Medical Force Protection - Advise on Measures to Counter Disease, Injury & Environmental Threats
- Combat Stress Control - Intervention and Prevention
- Patient Holding Capability - 20 Cots

– **INTEGRATED EVACUATION**

– **RECONSTITUTE FORWARD**

– **FORWARD SURGERY - 30 Surgical Cases over**

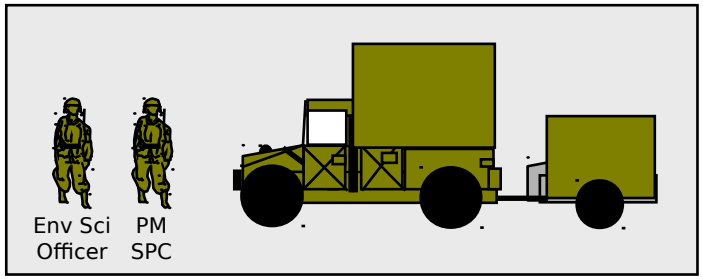
Stryker Brigade Combat Team
Preventive Medicine Section

Capabilities

- Performs sanitary inspections of food service field sites, latrines, etc
- Coordinates pre-deployment, deployment, and post-deployment medical surveillance.
- Conducts disease/injury trend analysis; advises on strategies to reduce loss of productive time
- Facilitates information flow and data transfer between the SBCT, theater, and national medical surveillance organizations
- Collects samples to evaluate potential NBC/toxic industrial contamination hazards
- Monitors field water supplies

PERSONNEL
O2 - ENV SCI OFF (1)
E4 - PM SPC (1)

PM SECTION 2



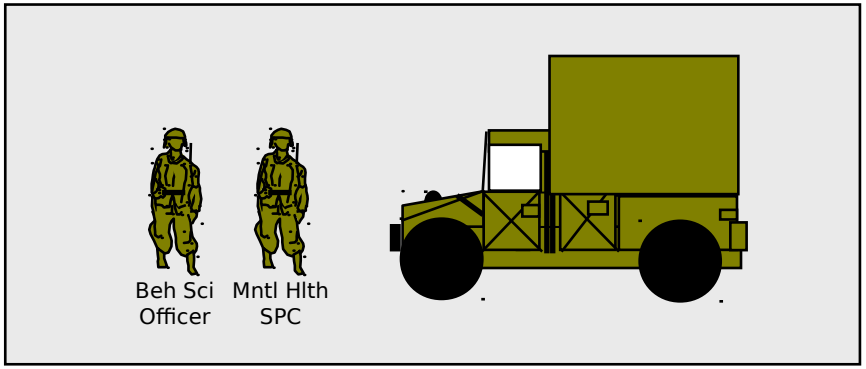
Stryker Brigade Combat Team
Mental Health Section

Capabilities

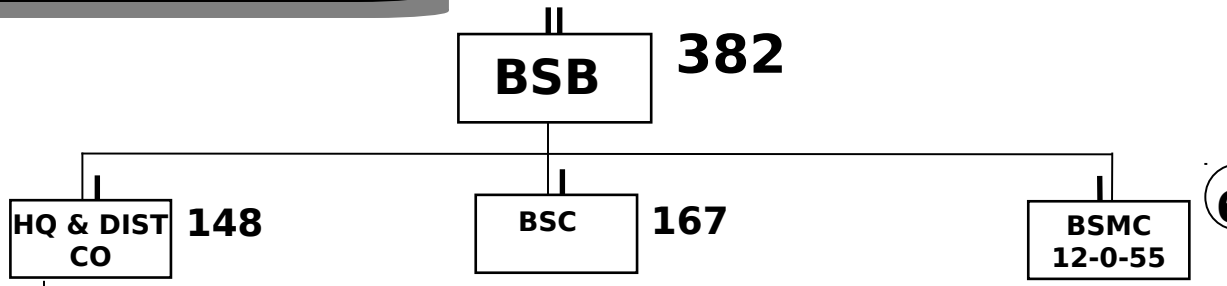
- Provides preventive, restorative, and curative mental health services.
- Conducts post critical incident counseling for units and/or individuals as required.

PERSONNEL
O3 - BEHAV SCI OFF (1)
E4 - MENTAL HEALTH SPC (1)

MENTAL HEALTH SECTION 2



Stryker Brigade Combat Team
Brigade Support Operations Section



- CMD SEC & STAFF
- HQ SEC
- SPO/DMC
- TRANS PLT
- CLASS III PLT
- GEN SUP PLT
  - CL I / WTR SEC
  - ATP SEC
  - GEN SUP SEC
  - MA SEC

***3 AMEDD PERSONNEL**

Capabilities

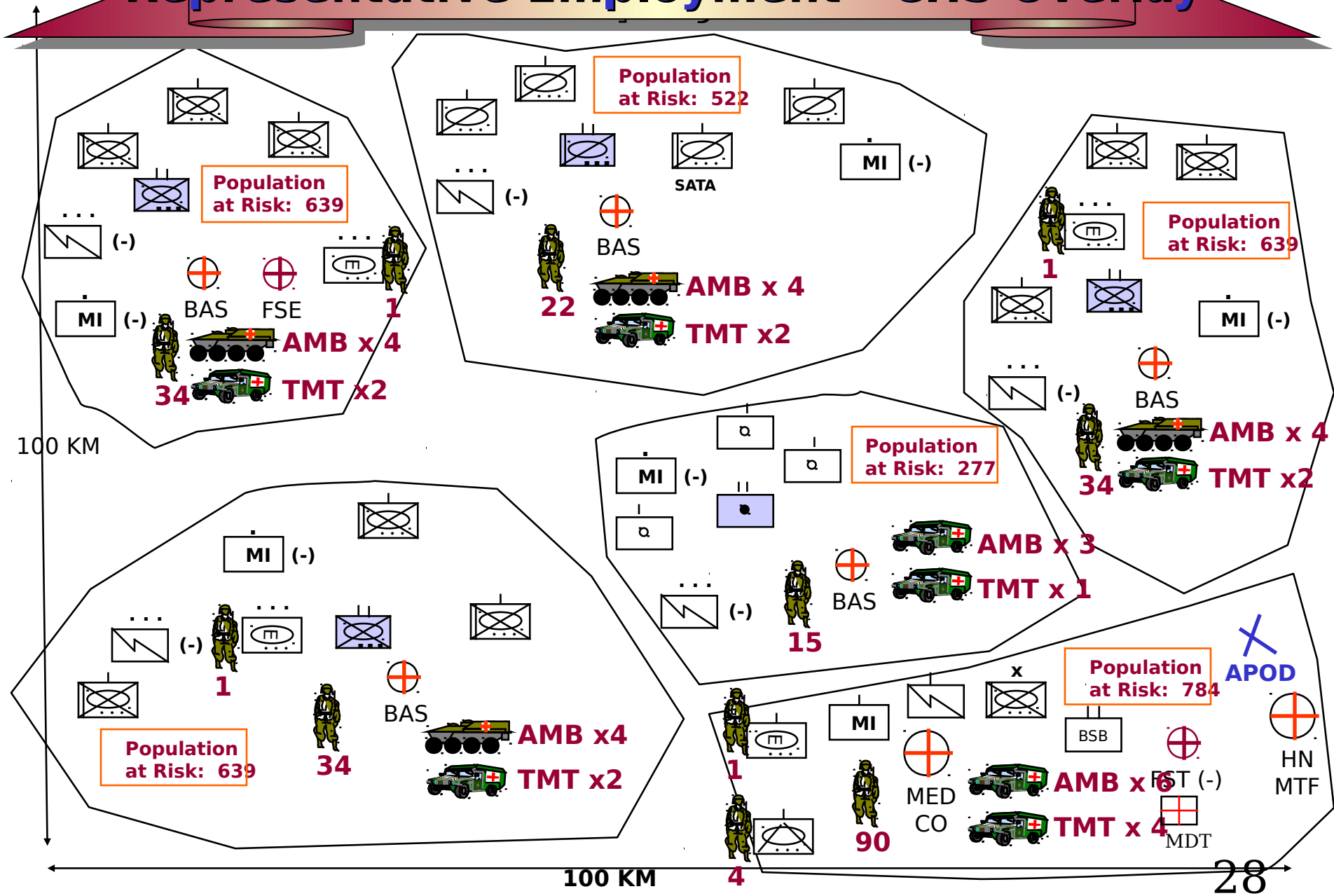
- **Interface with SBCT Surgeon Section**
- **Responsible for SBCT Class VIII supply planning, Class VIII tracking via Battle Distribution System, and management**
- **Coordination of Class VIII distribution through ambulance backhaul as well as BDS**
- **Responsible for medical logistics annex to SBCT OPLAN/OPORD**
- **Assists SBCT Surgeon with CHS**

2/0/1

PERSONNEL*
O3 (70H) - CHS Off (1)
O3 (70K) - CHL Off (1)
E7 (91W) - 91W
Med Ops NCO (1)

MC4
TYPE IIIA (2)

Stryker Brigade Combat Team
Representative Employment - CHS Overlay



Stryker Brigade Combat Team Medical Informatics

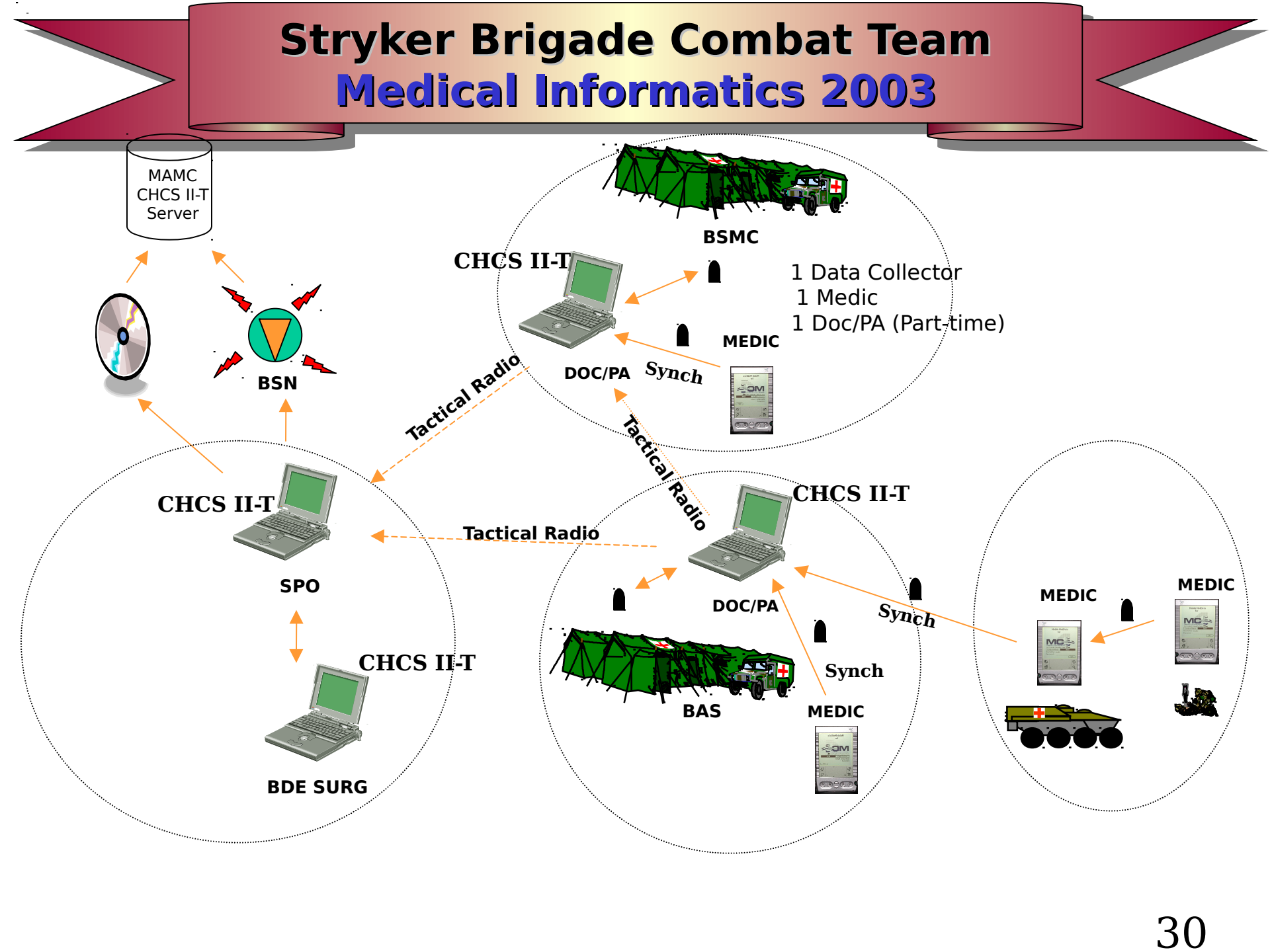
Version I (stand alone, sneaker net)

- **Mobile Med Data/hand held computer**
- **DMLSS**

Version II (use taclane to tunnel on ABCS)

- **BMIST**
- **CHCSII T**
- **DMLLS**

Stryker Brigade Combat Team
Medical Informatics 2003



Stryker Brigade Combat Team
Medical Informatics

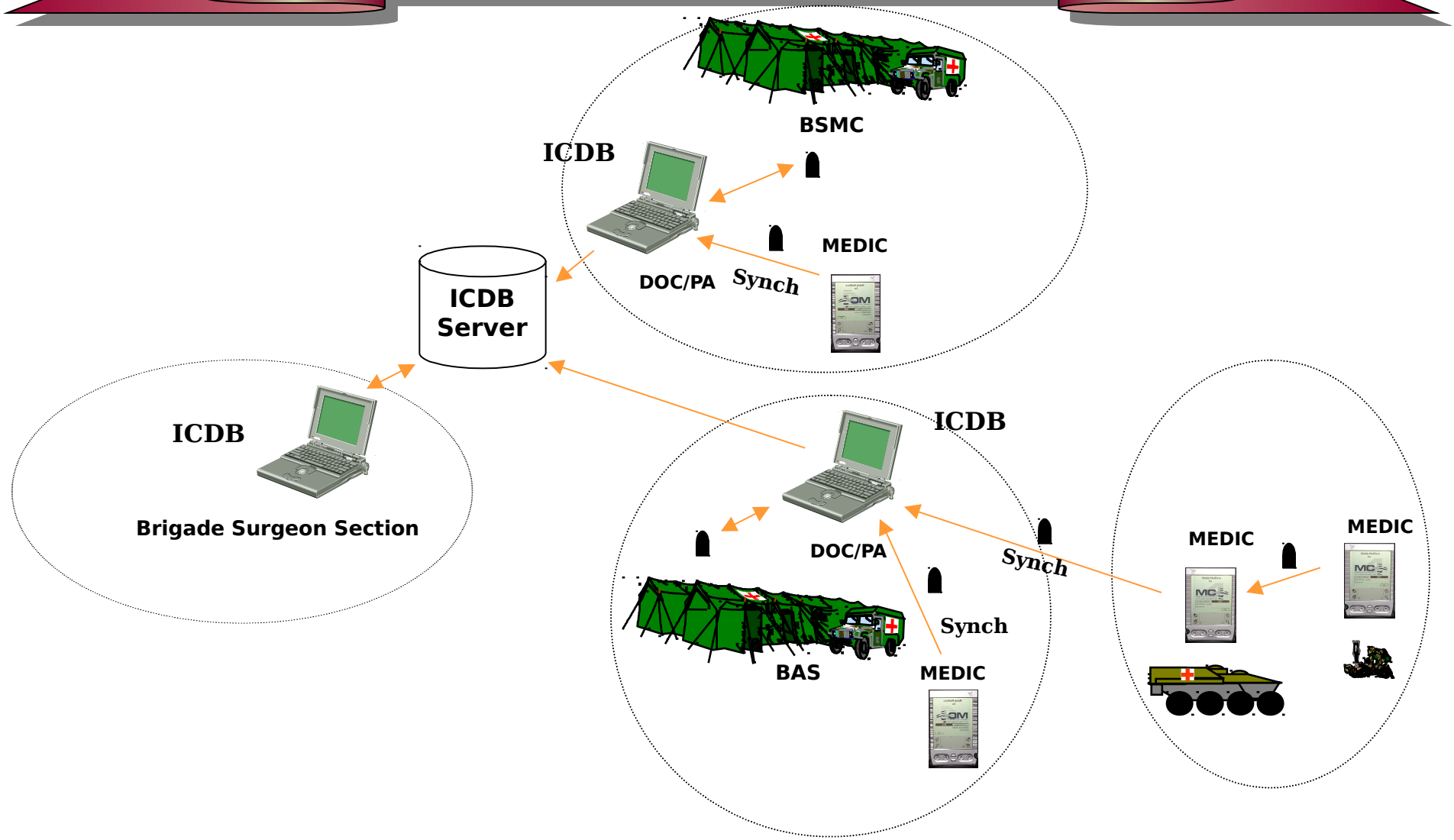
Current Use (web based)

- Medfusion (BMIST)
- ICDB/MEDBASE
- TCAM
- TRACES

Advantages

- Reach back
- Capture of field data
- Continuity of Care
- Train as we fight

Stryker Brigade Combat Team
Medical Informatics JRTC 2004



Stryker Brigade Combat Team Medical Informatics

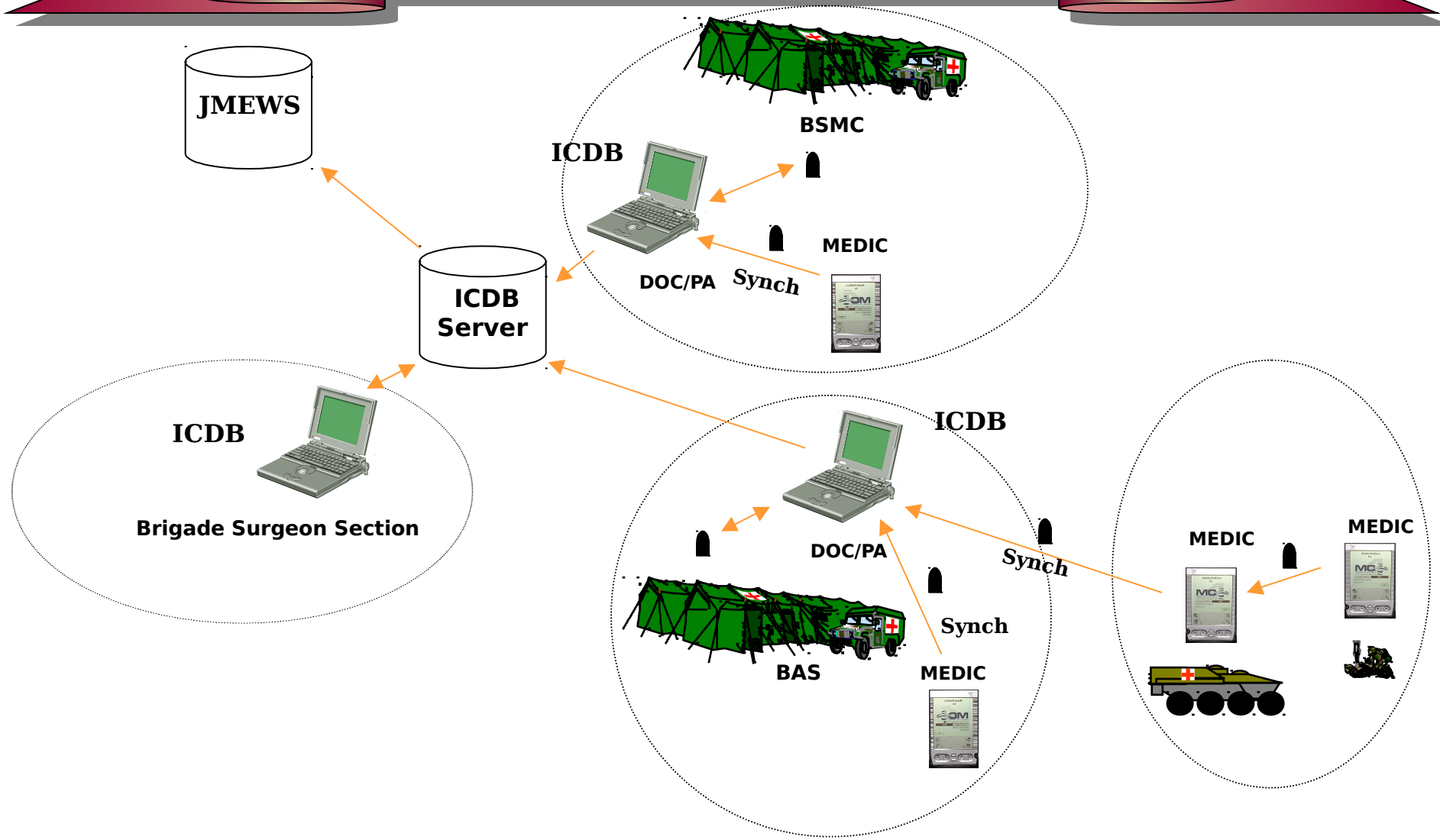
OIF

- BMIST
- CHCS II T
- ICDB (or Central Database)
- TCAM
- TRACES

Advantages

- Medical Surveillance
- JMEWS Feed
- ICD-9 documentation
- Outcomes

Stryker Brigade Combat Team
Medical Informatics OIF



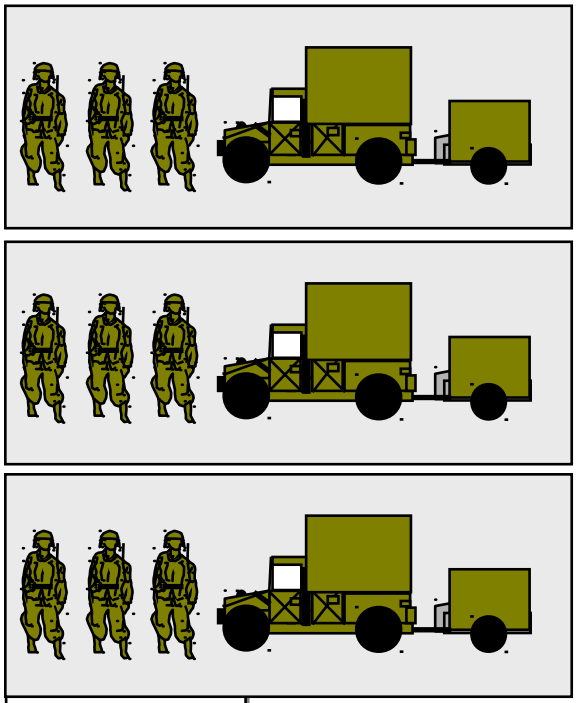
Stryker Brigade Combat Team
Additional HSS Corps Augmentation
(METT-TC DEPENDENT)

- Veterinary Services to include Food Surveillance
- Preventive Medicine Services
- Combat Stress Control Services
- Medical C4I Headquarter Elements
- Area Support Medical Companies/Detachment
- Class VIII and Blood Management and Biomedical Maintenance Support
- Hospitalization
- Ground and Air Evacuation
- Dental Services
- Area Laboratory Support

Stryker Brigade Combat Team
Corps Augmentation - FST

FST

ESSENTIAL



10/0/10

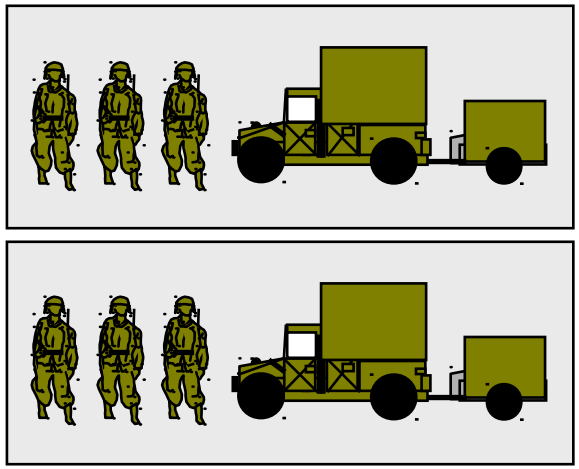
PERSONNEL (20)

FST Capability

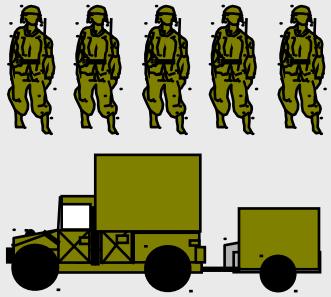
Conducts up to 30 resuscitative surgical procedures over 72-hr period

FSE Capability

Conducts 2-3 resuscitations/ surgical procedures with organic supplies. Capable of 72-hr ops with resupply



FSE



BAS Compatible

- WITH VEHICLES DEPLOYS IN FOUR C130s, TWO C141s, TWO C17s, OR ONE C5

Stryker Brigade Combat Team

- **MISSION: Provides a rapidly deployable, urgent, initial surgical service within the division area of operations.**

CONSIDERATIONS

The most forward surgical capability

- **100% mobile**
- **Links to level II combat health support modules and relies on their Cot space for patient hold requirements**
- **FSE not recommended- but flexibility key**

Medical Company Ground Ambulance

- Capabilities
  - evacs from division/SBCT to corps hospitals
  - conducts inter-hospital transfers
  - moves patients to MASF (USAF)

- Basis of allocation within the CZ is one per division
  - assigned/attached to a medical evacuation battalion

Medical Company Air Ambulance

- **Capabilities**
  - **15 air ambulances (UH-60A/Q)**
- **Basis of allocation**
  - **one company (DS) per division**

ssigned to a Medical Brigade or Medical Group and

- **attached to a Medical Evacuation Battalion**

Interim Brigade Combat Team
Corps Augmentation - FSMT

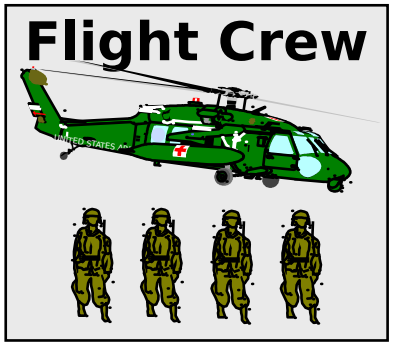
FSMT

Capabilities
- Provides rapid air medical evacuation from point of injury to BSMC

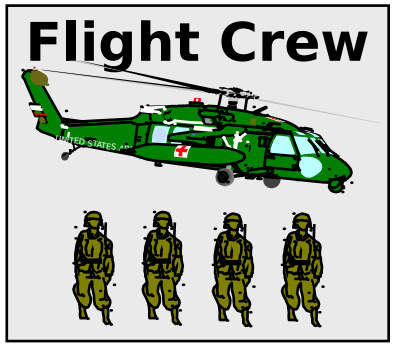
ESSENTIAL (D+ 96+ Hours for Planning)

Flight Crew

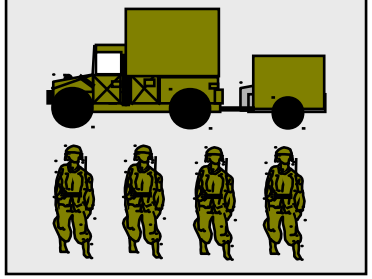
Flight Crew



Flight Crew



Ops Section



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PERSONNEL (16)

MAJOR EQUIPMENT
UH-60Q (3)
HMMWV (1)
TRL, HMMWV (1)

- IF AIRCRAFT SELF-DEPLOY -DEPLOYS IN ONE C130s, ONE C141, ONE C17, OR ONE C5
- IF AIRCRAFT DO NOT SELF-DEPLOY - DEPLOYS IN TWO C141s, TWO C17s, OR ONE C5

Echelon III Care

- **Includes Echelon I and II plus resuscitative s**
- **For soldiers who require comprehensive pre**

surgical teams, general anesthesia, and post

- **Provided by:**
  - **CSH**
  - **Field Hospital**
  - **ATH / FLEET Hospital**
  - **USN Hospital Ships (Mercy & Comfort)**

Questions?

- Transformation

Organic Stryker HSS

- Casevac
- Echelon I-II
- Informatics
- EAB HSS